

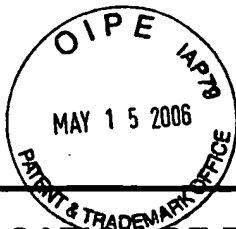
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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>	Patent Number	6,857,116 B1	
	Issue Date	February 15, 2005	
	Application Number	09/714,722	
	Filing Date	November 15, 2000	
	First Named Inventor	Peter Dahl	
Total Number of Pages in This Submission	9	Attorney Docket Number	23748-11515

ENCLOSURES <i>(check all that apply)</i>	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) [] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input checked="" type="checkbox"/> Statement Under 37 CFR §3.73(b) _____ _____ _____ _____ _____ _____
REMARKS:	

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Rajiv P. Patel, Reg. No. 39,327	Dated:	May 9, 2006

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Post Issue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Rajiv P. Patel	Dated:	May 9, 2006
Express Mail Mailing Number (optional):			



**REVOCATION OF POWER OF
ATTORNEY AND NEW POWER OF
ATTORNEY AND CHANGE OF
CORRESPONDENCE ADDRESS**

Patent Number	6,857,116
Issue Date	February 15, 2005
Application Number	09/714,722
Filing Date	November 15, 2000
First Named Inventor	Peter Dahl
Attorney Docket Number	23748-11515

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application, and I hereby appoint:



Practitioners at Customer Number

00758

OR



Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address to, and associate the above-identified application with:



Practitioners at Customer Number

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OR

<input type="checkbox"/> Firm or Individual Name	DO NOT FILL IN – MAKE SURE CUSTOMER NUMBER FILLED-IN			
Address	DO NOT FILL IN			
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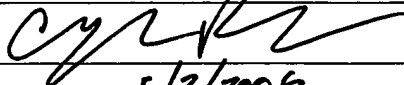
Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Clayton Parker
Title	Vice President/General Counsel
Signature	
Date	5/3/2006

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 form is submitted.



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Reshape, Inc.

Application No./Patent No.: 6,857,116 B1

Filed/Issue Date: February 15, 2005

Entitled: Optimization of Abutted-Pin Hierarchical Physical Design

Magma Design Automation, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____%
in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached and is concurrently submitted for recordation.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From Peter Dahl, Byron Dickinson, Margie Levine and Paul Rodman To: Reshape, Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 11774, Frame 151, or for which a copy thereof is attached and is concurrently submitted for recordation.
2. From Reshape, Inc. To: Magma Design Automation, Inc.
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached and is concurrently submitted for recordation.
3. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached and is concurrently submitted for recordation.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment has not been recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 9, 2006
Date

(650) 335-7607
Telephone number

Rajiv P. Patel, Reg. No. 39,327

Typed or printed name

Signature

Attorney for Assignee

Title

COPY NOT FOR RECORDATION

PATENT ASSIGNMENT

This PATENT ASSIGNMENT, dated March 9, 2006, is entered into by ReShape, Inc., a California corporation ("**Assignor**"), for the benefit of Magma Design Automation, Inc., a Delaware corporation ("**Assignee**").

WHEREAS, Assignee and Assignor have entered into that certain Asset Purchase Agreement, dated as of February 21, 2006 (the "**Agreement**"), pursuant to which Assignor has agreed to sell and assign, and Assignee has agreed to buy and acquire the Purchased Assets, as defined in the Agreement;

WHEREAS, pursuant to Section 2.4(b) of the Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in, to and under the patents, patent applications, patent disclosures and related patent rights which are a part of the Purchased Assets (the "**Patents**"), and set forth on Exhibit A attached hereto and Assignee desires to accept such assignment.

NOW, THEREFORE, in consideration of entering into the Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, sets over, transfers, conveys and delivers to Assignee, its successors and assigns all of Assignor's entire right, title and interest in, to and under the Patents, and any and all applications for patent and patents issuing therefrom in any and all countries of the world, including all divisions, continuations, continuations-in-part, re-examinations, and reissues, and extensions thereof, and all rights of priority resulting from the filing in the United States of the respective applications for said Patents identified above, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms for which the Patents are or may be granted or reissued as fully and entirely as the same would have been held and enjoyed by the Assignor if this Assignment and sale had not been made; together with all claims for damages by reason of past infringements of the Patents including without limitation provisional rights thereto with the right to sue for and collect the same for its own use and benefit, and for the use and on behalf of its successors, assigns and other legal representatives; *provided, however*, Assignee will be solely responsible for those costs and expenses reasonably incurred by Assignor in carrying out Assignor's obligations pursuant to this paragraph.

Assignor agrees that, on request it will at Assignee's expense sign all lawful papers in connection with all divisional, continuing, re-examining and reissue applications, make all rightful oaths and generally do everything reasonably requested by Assignee to aid Assignee, its successors, assigns and nominees to obtain, maintain, and enforce patent protection in any country for the inventions set forth in the Patents.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed, by its duly authorized corporate officer effective this day of March, 2006.

RESHAPE, INC.

By: 

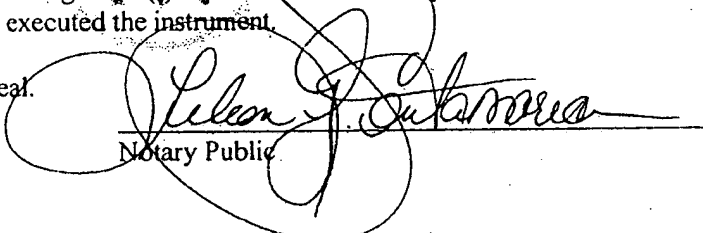
Name: James P. Douglas

Title: President and Chief Executive Officer

STATE OF California
COUNTY OF Santa Clara

On this day of March, 2006, before me, a Notary Public in and for said State, personally appeared James Douglas personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS, my hand and official seal.


Notary Public

Acknowledged and agreed to by:

MAGMA DESIGN AUTOMATION, INC.

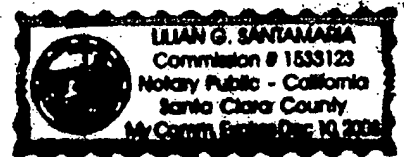
By: 

Name: Gregory C. Walker

Title: Sr. VP, Finance & CFO

Date:

See attached Acknowledgement



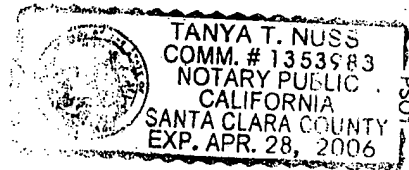
State of California)ss
County of Santa Clara)

On March 7, 2006 (date), before me, Tanya T. Nuss, Notary Public,
(name and title "notary public"), personally appeared

Gregory C Walker (name of signer(s),
personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the
person whose name is subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the
instrument.

Witness my hand and official seal.

Tanya T. Nuss
Notary's Signature



SEAL

Exhibit A

	<u>Abstract</u>	<u>Registration/Application No.</u>	<u>Issued/ File Date</u>
	Issued Patents:		
	Optimization of Abutted-Pin Hierarchical Physical Design	US 6,857,116	February 15, 2005
	Facilitating Press Operation in Abutted-Pin Hierarchical Physical Design	US 6,854,093	February 8, 2005
	Optimization of the Top Level in Abutted-Pin Hierarchical Physical Design	US 6,865,721	March 8, 2005
	Facilitating Verification in Abutted-Pin Hierarchical Physical Design	US 6,757,874	June 29, 2004
	Method and System for Automatically Generating Dependency Graphs From High Level Physical Design Stages	US 6,574,788	June 3, 2003
	Method and System for Implementing a User Interface for Performing Physical Design Operations on an Integrated Circuit Netlist	US 6,557,153	April 29, 2003
	Method and System for Implementing a Graphical User Interface for Defining and Linking Multiple Attach Points for Multiple Blocks of an Integrated Circuit Netlist	US 6,564,363	May 13, 2003
	Method and System for Implementing a Graphical User Interface for Depicting Loose Fly Line Interconnections Between Multiple Blocks of an	US 6,553,554	April 22, 2003

	Integrated Circuit Netlist		
	Method and System for Maintaining Element Abstracts of an Integrated Circuit Netlist Using a Master Library File and Modifiable Master Library File	US 6,564,364	May 13, 2003
	Method of Generating the Pad Ring Layout Design Using Automation	US 6,823,501	November 23, 2004
	Method of Customizing and Using Maps in Generating Pad Ring Layout Design	US 6,734,046	May 11, 2004
	Patent Applications		
	Method of Optimizing Placement and Routing of Edge Logic in Pad Ring Layout Design	10/264,691	October 3, 2002
	Floorplanning a Hierarchical Physical Design to Improve Placement and Routing	10/831,700	April 23, 2004
	Creating a Power Distribution Arrangement with Tapered Metal Wires for a Physical Design	10/855,539	May 26, 2004
	Optimizing Locations of Pins for Blocks in a Hierarchical Physical Design by Using Physical Design Information of a Prior Hierarchical Physical Design	10/855,667	May 26, 2004
	Flow Definition Language for Designing Integrated Circuit Implementation Flows	10/856,268	May 26, 2004
	Method and System for Physical Design Synthesis Using a Distributed Computer System	10/856,331	May 27, 2004
	Graphical User Interface to Manage Flows of a Physical Design	10/856,301	May 27, 2004

	A Stage Description File Structure Used in a Flow Definition Language for Designing Integrated Circuit Implementation Flows	[11/143,394 continuation in part of application 10/856,268]	June 1, 2005
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